

Kim Reynolds
Governor
Adam Gregg
Lt. Governor



Department of Public Safety

Stephan Bayens
Commissioner

August 8, 2022

Ref. AON 29C20 Allocation Request ref. a 3-25-22 broken radome cover on the Rockwell ISICS Communication Tower.

State of Iowa Executive Council:

On 3-25-22, Strong wind in the Rockwell City area had blown debris into the radome cover on the Rockwell ISICS Tower causing it to break. Later, on the same date, a citizen in the Rockwell area report the radome cover was in fact missing. On 3-26-22, an initial 29C20 notification was sent to the Executive Council regarding this AON Event (See attached email).

On 5-31-22, Motorola was able to provide an estimate to repair and replace the radome cover on the Rockwell ISICS Tower. The repair is estimated at \$8,722.00. Due to supply chain delays and other Motorola towers repair commitments the repairs to the tower had been delayed; however, they are now in progress and we should be receiving an invoice soon.

The DPS Interoperability and Communications Bureau is respectfully submitting a 29C20 Allocation Request for \$8,722.00 for this AON damage.

Thank you for your consideration.

Sincerely,

Captain Richard Pierce
Bureau Chief
Iowa DPS Communications & Interoperability Bureau
Office of the Commissioner
215 E. 7th Street
Des Moines, Ia 50319

Newton, Victoria [TOS]

From: Pierce Richard <pierce@dps.state.ia.us>
Sent: Saturday, March 26, 2022 6:49 PM
To: kslager@gmail.com
Cc: McClung Debra
Subject: Re: 3-25-22 Missing Radome Cover on Communication Tower near Rockwell City

Mr. Lager

I wanted to let you know we had one of our personal drove to the Rockwell City tower and it is confirmed, there is a broken radome cover on the tower caused by flying debris from high winds on 3-25-22. The tower is one of our Iowa Statewide Interoperability Communication towers.

Thank you very much for notifying us. It is very appreciated. Your keen observation and reporting has helped in the protection and preservation of our statewide communication system. We have started the repair process through our tower vendor. It may take several weeks to complete the replacement of the radome cover.

Capt. Rick Pierce

On: 26 March 2022 14:10,
"Pierce Richard" <pierce@dps.state.ia.us> wrote:

Mr. Lager

I am the Bureau Chief of DPS Communications and I want to thank you for advising us of the missing Radome cover. I am not sure at this time if it one of our towers but we will definitely investigate it early next week.

Again, thank you very much. We appreciate your concern and taking the time to let us know.

Capt. Rick Pierce
Bureau Chief
DPS Communication Interoperability Bureau
Cell Ph# 1-712-269-0730

From: Kirk Lager <kslager@gmail.com>
Sent: [Friday, March 25, 2022 12:37 PM](#)

To: McClung Debra <mcclung@dps.state.ia.us>
Subject: ** External Email Alert ** Radio tower radome

****External Email Alert**** This email is from outside DPS. **DO NOT CLICK** links or attachments unless you expected them. If unsure please forward to ITOC@dps.state.ia.us for review.

Hello,

I'm not sure who to contact, but I believe your agency has a radio tower near or around the Rockwell City area - possibly on 280th Street, about a mile Southwest of Rockwell City. Anyways, on that tower, there is a directional point to point antenna that points to the Southwest. That antennas radome appears to be missing.

Just a heads up, not sure if it's yours or not.

Thanks,

Kirk Lager

From: Kirk Lager <kslager@gmail.com>

Sent: [Friday, March 25, 2022 12:37 PM](#)

To: McClung Debra <mcclung@dps.state.ia.us>

Subject: ** External Email Alert ** Radio tower radome

****External Email Alert**** This email is from outside DPS. **DO NOT CLICK** links or attachments unless you expected them. If unsure please forward to ITOC@dps.state.ia.us for review.

29C20 and FEMA Request Tracking Spreadsheet

Date of Event	AON Event Description & Property Damaged	29C20 and/or FEMA	Initial Notification	Meet \$2K Threshold	29C20 Cancelled	Initial Repair Estimate	Allocation Request Sent	Final Invoice cost	Reimbursement claim - Date Sent	FEMA RPA submitted	FEMA Funds Reimbursed	29C20 Funds Reimbursed	OPS Cost Unit	Notes
3/10/2021	Cedar Rapids (Old DPS Lea Tower) - strong wind broke tower cable	29C20	3/11/2021	Yes	NA	\$6,576.00	4/26/2021	\$6,576.00	7/23/2021	NA	NA	12/13/2021	4520	Combined into one claim (3-10 & 3-29 AON Events)
3/29/2021	Cedar Rapids (Old DPS Lea Tower) - strong wind broke tower cable	29C20	3/29/2021	Yes	NA	\$3,266.00	4/26/2021	\$3,266.00	7/23/2021	NA	NA	12/13/2021	4520	Total combined claim: \$9,842.00
9/7/2021	Waterloo ISICS Tower - Replace Light System due to AON	29C20	11/5/2021	Yes	NA	\$53,486.54	12/29/2021	\$54,517.72	4/7/2022	NA	NA	5/16/2022	4529	1-19-22 Light system invoice - \$22,433.34, 4-4-22 Installation invoice - \$32,084.38 (National Tower Controls)
10/26/2021	Palo Alto ISICS Tower Damage - Lightning strike to top beacon	29C20	12/16/2021	Yes	NA	\$10,598.00	12/29/2021	\$10,598.00	3/8/2022	NA	NA	4/4/2022	4529	Was not notified by Motorola until 12-16-21
12/15/2021	Statewide Detercho - Wind damage to Multiple ISICS Towers	29C20 & FEMA	12/16/2021	Yes	NA	\$404,601.13	3/8/2022	\$387,527.91	4/12/2022	3/22/2022	8/5/2022		4529	Wittenwyler advised submit 29C20 & FEMA Grant application for general fund reimbursement
1/12/2022	Statewide Detercho - Gundersen DPS Tower, broken lower Guy Wire	29C20	12/16/2021	Yes	NA	\$6,801.00	3/8/2022	\$6,801.00	3/8/2022	NA	NA		4520	Allocation & Reimbursement Claim made on same date.
2/3/2022	Mason City ISICS Tower Beacon Failure - Possible AON	29C20	2/4/2022	Unknown		\$10,598.00				NA	NA			AON top beacon determination pending, Auning damage & lights
2/21/2022	Kossuth ISICS Tower Beacon Failure - Possible AON	29C20	2/21/2022	Unknown		\$10,598.00				NA	NA			AON determination pending
2/23/2022	Fayette ISICS Tower Beacon Failure - Possible AON	29C20	2/24/2022	Unknown		\$10,598.00				NA	NA			AON determination pending
3/5/2022	Keosauqua ISICS Tower - Tornado damage to Radome Cover	29C20	4/5/2021	Yes		\$8,722.00	8/8/2022			NA	NA		4529	Covered under the intial reporting of Lucas damage. Confirmed on 4-5-22 & followup notification made
3/5/2022	Lucas ISICS Tower - direct hit by EF-3 Tornado	29C20	3/5/2022	Yes		\$44,534.76	3/17/2022			NA	NA		4529	4-11-22 Lucas & Keosauqua damage threshold not qualify for FEMA Reimbursement
3/25/2022	Rockwell City ISICS Tower - Broken Radome	29C20	3/26/2022	Yes		\$8,722.00	8/8/2022			NA	NA		4529	Radome damaged
3/28/2022	Zwingle ISICS Tower Beacon Failure - Possible AON	29C20	3/28/2022	Unknown		\$10,598.00				NA	NA			AON determination pending
3/28/2022	Clinton ISICS Tower Beacon Failure - Possible AON	29C20	3/28/2022	Unknown		\$10,598.00				NA	NA			AON determination pending
3/28/2022	Beaumont ISICS Tower Beacon Failure - Possible AON	29C20	3/28/2022	Unknown		\$10,598.00				NA	NA			AON determination pending
3/28/2022	Grundy ISICS Tower Beacon Failure - Possible AON	29C20	3/28/2022	Unknown		\$10,598.00				NA	NA			AON determination pending
4/5/2022	Woodward ISICS Tower - Radome damage from debris	29C20	4/5/2022	Yes		\$8,722.00	8/8/2022			NA	NA		4529	MotoWork crew discovered on 4-4-22, rpted during 4-5-22 Moto wkly call. Estimated occurance end of March.
4/12/2022	Mason City ISICS Tower - Broken Radome & Antenna damage AON	29C20	4/13/2022	Yes		\$97,506.00				NA	NA		4529	NWS Predicted Severe Storm with highwinds covering wide area of Iowa over night 4-12-22
4/12/2022	Knoxlin ISICS Tower - Antenna Alignment - Possible AON	29C20	4/13/2022	Unknown		\$15,286.00				NA	NA		4529	NWS Predicted Severe Storm with highwinds covering wide area of Iowa over night 4-12-22
4/12/2022	Storm Lake ISICS Tower - Broken Radome AON	29C20	4/21/2022	Yes		\$8,722.00	8/8/2022			NA	NA		4529	NWS Predicted Severe Storm with highwinds on 4-12-22. Observed during site inspection on 4-20-22
5/1/2022	Marshalltown to Grundy ISICS tower - Path alignment AON	29C20	5/3/2022	yes		\$16,429.00	8/8/2022			NA	NA			Strong winds moved dishes affecting path alignment
5/16/2022	Winnebago ISICS Tower Beacon Failure - Possible AON	29C20	5/17/2022	Unknown		\$10,598.00				NA	NA			AON determination pending
6/3/2022	Bremner ISICS Tower Beacon Failure - Possible AON	29C20	6/3/2022	Unknown		\$10,598.00				NA	NA			AON determination pending
6/25/2022	Jones ISICS Tower - Lightning Strike & Windstorm Damage AON	29C20	6/25/2022	Yes		\$106,304.00				NA	NA		4529	Severe strike. CMU for top amp, LP tank sensor, 4 ODU's and 4 RAC cards damaged. Dishes out of alignment.
6/25/2022	Cedar Rapids ISICS Tower Windstorm AON Damage - Dish misaligned	29C20	6/25/2022	Cancelled	7/26/2022	NA	NA	NA	NA	NA	NA	NA	4529	7-26-22 Motorola advised an inspection of the site revealed the dish was not misaligned as suspected.
6/25/2022	Maquoketa ISICS Tower Windstorm AON Damage - Dish misaligned	29C20	6/25/2022	Cancelled	7/26/2022	NA	NA	NA	NA	NA	NA	NA	4529	7-26-22 Motorola advised an inspection of the site revealed the dish was not misaligned as suspected.
7/11/2022	Denison ISICS Tower - Path alignment & Broken Radome AON	29C20	7/26/2022	Yes		\$8,722.00				NA	NA		4529	Discussed concern regarding why the dishes are misaligning when they are rated to withstand high speed wind
7/11/2022	Kossuth ISICS Tower - Path alignment AON	29C20	7/26/2022	Yes		\$16,429.00				NA	NA		4529	Discussed concern regarding why the dishes are misaligning when they are rated to withstand high speed wind
7/13/2022	Sisau ISICS Tower - AON Misc Damage Generator Wiring	29C20	7/13/2022	Unknown		\$15,178.00				NA	NA		4529	Misc chewed up the wiring to the tower generator. Extensive repairs need to get it to work.
7/13/2022	Tama ISICS Tower - Radome damage from storm debris	29C20	7/26/2022	Yes		\$8,722.00				NA	NA		4529	Issue discussed reference radome covers sustaining damage that is below the rated windspeed
7/19/2022	Brooklyn ISICS Tower - Radome damage from storm debris	29C20	7/26/2022	Yes		\$8,722.00				NA	NA		4529	Issue discussed reference radome covers sustaining damage that is below the rated windspeed
7/21/2022	Atlantic ISICS Tower - Radome damage from storm debris	29C20	7/26/2022	Yes		\$8,722.00				NA	NA		4529	Issue discussed reference radome covers sustaining damage that is below the rated windspeed
7/23/2022	Alamake ISICS Tower - Path alignment AON	29C20	7/26/2022	Yes		\$16,429.00				NA	NA		4529	7-23-22 Storm with 85 mph winds in NE Iowa caused misalignment of path. Rpted on 7-26-22 warranty call.
7/23/2022	Buchanan ISICS Tower - Path alignment AON	29C20	7/26/2022	Yes		\$16,429.00				NA	NA		4529	Discussed concern regarding why the dishes are misaligning when they are rated to withstand high speed wind

DG added estimates on 8-16

DG updated estimates on 8-16